
AMENDMENT 2 to AWIPS CONTRACTOR INTERFACE NOTE 1

(for Electronic Systems Analysts)

Engineering Division

W/OSO31: WJB/FJZ

SUBJECT : Installation of Local Data Acquisition and Dissemination (LDAD)
Punchdown Blocks at AWIPS Communication Demarcation Point.

PURPOSE : To provide LDAD circuit installation information for the interconnection
of dedicated and dial-line telecommunication circuits to AWIPS at the
AWIPS demarcation.

EQUIPMENT
AFFECTED : AWIPS site demarcation board

REQUIRED
ITEMS : S Two telco punchdown blocks with 50-pin female receptacles,
Siemen Company, part number S66M1-50R (**ASN: M100-MP2**) and
appropriate mounting hardware suitable for securing the punchdown
blocks to the demarcation

- Two packs of Siemen Company P/N SA1 bridging clips
(**ASN: M100-MP11**)

SPECIAL TOOLS
AND TEST
EQUIPMENT
REQUIRED : Punchdown Tool

REQUIRED
DOCUMENTATION : Site Survey Report or Site Installation Plan

TIME REQUIRED : 30 minutes

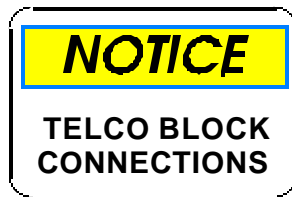
EFFECT ON OTHER : AWIPS Contractor Interface Note 1
INSTRUCTIONS

VERIFICATION
STATEMENT : Not Applicable

PROCEDURE

AWIPS sites are required to order the punchdown blocks (ASN: M100-MP2) and the bridging clips (ASN: M100-MP11) directly from the National Logistics Supply Center. This action should be completed as soon as possible.

1. Locate the AWIPS demarcation board.
2. Install two punchdown blocks near the AWIPS punchdown blocks described in Contractor Interface Note 1, and in a location which offers good accessibility to the 50-pin receptacles (figure 1).



The 25 pair cables with a 50-pin male connector will not be connected to the punchdown block as part of this contractor interface note. These connections will either be performed by the contractor(s), if the telco block is installed, or by the site, if the telco block has not yet been installed.

3. Install the punchdown blocks in a vertical orientation, with one punchdown block located below the other. The female 50-pin receptacle on the punchdown block should be on the right side of the block. This allows wiring to be punched down on the left most side of the punchdown block. Refer to figure 1, which depicts a typical site interconnecting arrangement.
4. Using the attached punchdown block diagram templates (figures 2 through 5), annotate the circuit number, its purpose, and the patch panel number. Since site circuit configurations will vary from site to site, no convention will be provided for a standardized arrangement of the demarcation connections.

A. Reporting Modification

The target date for the installation of the punchdown blocks and its telco wiring shall be coordinated with the AWIPS focal point or the meteorologist-in-charge. Report the completed installation on WS-Form A-26, Engineering Management Reporting System, according to the instructions in EHB-4, Part 2, using reporting code AWIPS. See Figure 6 for a completed sample of WS-Form A-26.

B. Point of Contact

For technical questions please contact Franz Zichy at the National Weather Service Headquarters at 301-713-1833 extension 128 or his pagers at 301-610-1710 or Walid Bannoura at 301-713-1847 extension 120.

John McNulty
Chief, Engineering Division

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AWIPS DEMARCATION

FIGURE 1:
DEDICATED AND DIAL LINE INTERCONNECT

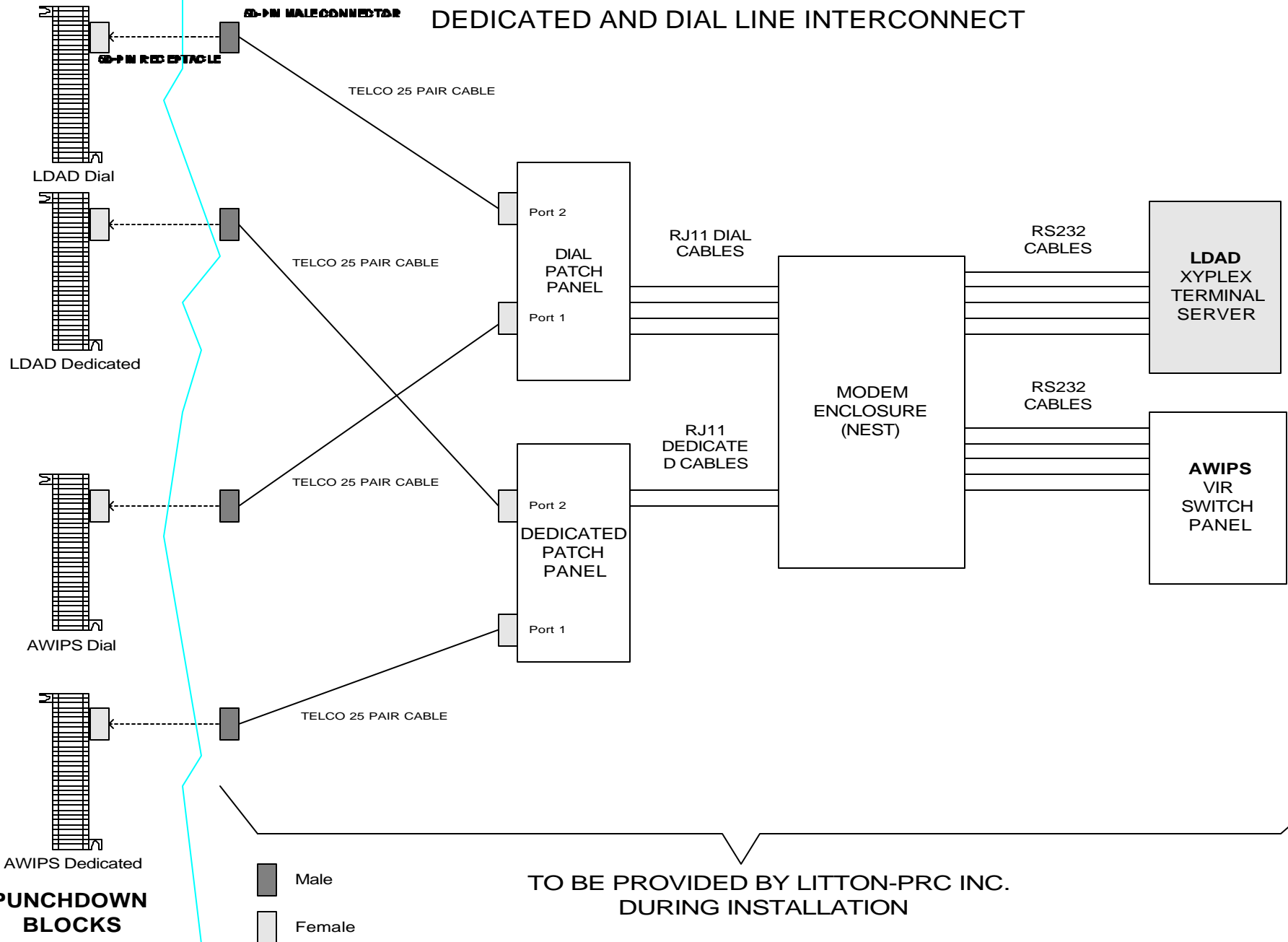


Figure 2:
LDAD WFO
Punchdown Block - DIAL

T.B.#1 RJ21X

CABLE # _____

		TELEPHONE #	USED FOR	Black Box Patch Panel RJ11 - Jack #		
CKT #1	T	1		1	26	T 3262 MODEM 21B
CKT #2	T	2		2	27	T 3262 MODEM 21A
CKT #3	T	3		3	28	T 3262 MODEM 20B
CKT #4	T	4		4	29	T 3262 MODEM 20A
CKT #5	T	5		5	30	T 3262 MODEM 19B
CKT #6	T	6		6	31	T 3262 MODEM 19A
CKT #7	T	7		7	32	T 3262 MODEM 18B
CKT #8	T	8		8	33	T 3262 MODEM 18A
CKT #9	T	9		9	34	T 3262 MODEM 17B
CKT #10	T	10		10	35	T 3262 MODEM 17A
CKT #11	T	11		11	36	T 3262 MODEM 16B
CKT #12	T	12		12	37	T 3262 MODEM 16A
					38	T 3262 MODEM #
					39	T 3262 MODEM #
					40	T 3262 MODEM #
					41	T 3262 MODEM #
					42	T 3262 MODEM #
					43	T 3262 MODEM #
					44	T 3262 MODEM #
					45	T 3262 MODEM #
					46	T 3262 MODEM #
					47	T 3262 MODEM #
					48	T 3262 MODEM #
					49	T 3262 MODEM #
					50	T 3262 MODEM #
					51	T 3262 MODEM #
					52	T 3262 MODEM #

SITE NAME _____

Figure 3:
LDAD WFO
Punchdown Block - DEDICATED
T.B.#2 RJ2DX

CABLE # _____

		CIRCUIT #	USED FOR	Black Box Patch Panel RJ11 - Jack #			
DKT.#1	<input type="checkbox"/>	1		1	25	X	3263 MODEM #
	<input type="checkbox"/>	2			26	X	
DKT.#2	<input type="checkbox"/>	3		2	27	X	3263 MODEM #
	<input type="checkbox"/>	4			28	X	
DKT.#3	<input type="checkbox"/>	5		3	29	X	3263 MODEM #
	<input type="checkbox"/>	6			30	X	
DKT.#4	<input type="checkbox"/>	7		4	31	X	3263 MODEM #
	<input type="checkbox"/>	8			32	X	
DKT.#5	<input type="checkbox"/>	9		5	33	X	3263 MODEM #
	<input type="checkbox"/>	10			34	X	
DKT.#6	<input type="checkbox"/>	11		6	35	X	3263 MODEM #
	<input type="checkbox"/>	12			36	X	
DKT.#7	<input type="checkbox"/>	13		7	37	X	3263 MODEM #
	<input type="checkbox"/>	14			38	X	
DKT.#8	<input type="checkbox"/>	15		8	39	X	3263 MODEM #
	<input type="checkbox"/>	16			40	X	
DKT.#9	<input type="checkbox"/>	17		9	41	X	3263 MODEM #
	<input type="checkbox"/>	18			42	X	
DKT.#10	<input type="checkbox"/>	19		10	43	X	3263 MODEM #
	<input type="checkbox"/>	20			44	X	
DKT.#11	<input type="checkbox"/>	21		11	45	X	3263 MODEM #
	<input type="checkbox"/>	22			46	X	
DKT.#12	<input type="checkbox"/>	23		12	47	X	3263 MODEM #
	<input type="checkbox"/>	24			48	X	
	<input type="checkbox"/>	25			49		
	<input type="checkbox"/>	26			50		

SITE NAME _____

Figure 4:
LDAD RFC
Punchdown Block - DIAL
T.B.#1 RJ21X

CABLE # _____

		TELEPHONE #	USED FOR	Black Box Patch Panel RJ11 - Jack #		
CKT. #1	T	2		1	26	T 3252 MODEM 21B
	R	3			27	
CKT. #2	T	4		2	28	T 3252 MODEM 21A
	R	5			29	
CKT. #3	T	6		3	30	T 3252 MODEM 20B
	R	7			31	
CKT. #4	T	8		4	32	T 3252 MODEM 20A
	R	9			33	
CKT. #5	T	10		5	34	T 3252 MODEM #
	R	11			35	
CKT. #6	T	12		6	36	T 3252 MODEM #
	R	13			37	
CKT. #7	T	14		7	38	T 3252 MODEM #
	R	15			39	
CKT. #8	T	16		8	40	T 3252 MODEM #
	R	17			41	
CKT. #9	T	18		9	42	T 3252 MODEM #
	R	19			43	
CKT. #10	T	20		10	44	T 3252 MODEM #
	R	21			45	
CKT. #11	T	22		11	46	T 3252 MODEM #
	R	23			47	
CKT. #12	T	24		12	48	T 3252 MODEM #
	R	25			49	
					50	

SITE NAME _____

Figure 5:
LDAD RFC
Punchdown Block- DEDICATED
T.B.#2 RJ2DX

CABLE # _____

			CIRCUIT #	USED FOR	Black Box Patch Panel RJ11 - Jack #			
DKT.#1	<input type="checkbox"/>	<input type="checkbox"/>			1			3263 MODEM #
DKT.#2	<input type="checkbox"/>	<input type="checkbox"/>			2			3263 MODEM #
DKT.#3	<input type="checkbox"/>	<input type="checkbox"/>			3			3263 MODEM #
DKT.#4	<input type="checkbox"/>	<input type="checkbox"/>			4			3263 MODEM #
DKT.#5	<input type="checkbox"/>	<input type="checkbox"/>			5			3263 MODEM #
DKT.#6	<input type="checkbox"/>	<input type="checkbox"/>			6			3263 MODEM #
DKT.#7	<input type="checkbox"/>	<input type="checkbox"/>			7			3263 MODEM #
DKT.#8	<input type="checkbox"/>	<input type="checkbox"/>			8			3263 MODEM #
DKT.#9	<input type="checkbox"/>	<input type="checkbox"/>			9			3263 MODEM #
DKT.#10	<input type="checkbox"/>	<input type="checkbox"/>			10			3263 MODEM #
DKT.#11	<input type="checkbox"/>	<input type="checkbox"/>			11			3263 MODEM #
DKT.#12	<input type="checkbox"/>	<input type="checkbox"/>			12			3263 MODEM #

SITE NAME _____

WTS HQ USE ONLY		WTS HQ USE ONLY (1/1/4) Reproduction for use on A-26 and WTS forms is prohibited.		1. Equipment Identification 2. Equipment Description 3. Equipment Location 4. Equipment Status		5. Equipment Number	
ENGINEERING MANAGEMENT REPORTING SYSTEM MAINTENANCE RECORD		6. Equipment Identification 7. Equipment Description 8. Equipment Location 9. Equipment Status		10. Equipment Number 11. Equipment Description 12. Equipment Location 13. Equipment Status		14. Equipment Number 15. Equipment Description 16. Equipment Location 17. Equipment Status	
General Information		1. Date 2. Time 3. Location 4. Equipment Number 5. Equipment Description 6. Equipment Location 7. Equipment Status		8. Date 9. Time 10. Location 11. Equipment Number 12. Equipment Description 13. Equipment Location 14. Equipment Status		15. Date 16. Time 17. Location 18. Equipment Number 19. Equipment Description 20. Equipment Location 21. Equipment Status	
Equipment Information		1. Equipment Identification 2. Equipment Description 3. Equipment Location 4. Equipment Status		5. Equipment Number 6. Equipment Description 7. Equipment Location 8. Equipment Status		9. Equipment Number 10. Equipment Description 11. Equipment Location 12. Equipment Status	
13. Parts Failure Information		1. Date 2. Time 3. Location 4. Equipment Number 5. Equipment Description 6. Equipment Location 7. Equipment Status		8. Date 9. Time 10. Location 11. Equipment Number 12. Equipment Description 13. Equipment Location 14. Equipment Status		15. Date 16. Time 17. Location 18. Equipment Number 19. Equipment Description 20. Equipment Location 21. Equipment Status	
14. Work Load Information		1. Date 2. Time 3. Location 4. Equipment Number 5. Equipment Description 6. Equipment Location 7. Equipment Status		8. Date 9. Time 10. Location 11. Equipment Number 12. Equipment Description 13. Equipment Location 14. Equipment Status		15. Date 16. Time 17. Location 18. Equipment Number 19. Equipment Description 20. Equipment Location 21. Equipment Status	
Miscellaneous Information		1. Date 2. Time 3. Location 4. Equipment Number 5. Equipment Description 6. Equipment Location 7. Equipment Status		8. Date 9. Time 10. Location 11. Equipment Number 12. Equipment Description 13. Equipment Location 14. Equipment Status		15. Date 16. Time 17. Location 18. Equipment Number 19. Equipment Description 20. Equipment Location 21. Equipment Status	
17. Equipment Maintenance		1. Date 2. Time 3. Location 4. Equipment Number 5. Equipment Description 6. Equipment Location 7. Equipment Status		8. Date 9. Time 10. Location 11. Equipment Number 12. Equipment Description 13. Equipment Location 14. Equipment Status		15. Date 16. Time 17. Location 18. Equipment Number 19. Equipment Description 20. Equipment Location 21. Equipment Status	
18. Equipment Maintenance		1. Date 2. Time 3. Location 4. Equipment Number 5. Equipment Description 6. Equipment Location 7. Equipment Status		8. Date 9. Time 10. Location 11. Equipment Number 12. Equipment Description 13. Equipment Location 14. Equipment Status		15. Date 16. Time 17. Location 18. Equipment Number 19. Equipment Description 20. Equipment Location 21. Equipment Status	